

PATENT APPLICATION  
OF  
REED J. BLAU.  
FOR  
LOW HUMIDITY UPTAKE SOLID PYROTECHNIC COMPOSITIONS,  
AND METHODS FOR MAKING THE SAME

CERTIFICATE OF EXPRESS MAIL

Express Mail Label No. EV054088805US

Date of Deposit: January 11, 2002

I hereby certify that the attached specification, claims and abstract are being deposited with the U.S. Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above and is addressed Assistant Commissioner for Patents, U.S. Patent and Trademark Office, P.O. Box 2327, Washington, D.C. 22202-0327.

Anne K Hoole

01/11/02  
S-1000-U.S. PTO

Please type a plus sign (+) inside this box

01/15/02

PTO/SB/05 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032  
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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

Attorney Docket No. 1082-035

First Inventor Reed J. Blau

Title LOW HUMIDITY UPTAKE SOLID PYROTECHNIC COMPOSITIONS  
AND METHODS FOR MAKING THE SAME

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## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

- Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
- Applicant claims small entity status.  
See 37 CFR 1.27.
- Specification [Total Pages 34]  
(preferred arrangement set forth below)
  - Descriptive title of the Invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
- Drawing(s) (35 U.S.C.113) [Total Sheets 1]
- Oath or Declaration [Total Pages 1]
  - a.  Newly executed (original or copy)
  - b.  Copy from a prior application (37 CFR 1.63 (d))  
(for a continuation/divisional with Box 18 completed)
  - i.  **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
- Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Assistant Commissioner for Patents

Box Patent Application  
Washington, DC 20231

7.  CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
  - a.  Computer Readable Form (CRF)
  - b. Specification Sequence Listing on:
    - i.  CD-ROM or CD-R (2 copies); or
    - ii.  paper
  - c.  Statements verifying identity of above copies

## ACCOMPANYING APPLICATIONS PARTS

9.  Assignment Papers (cover sheet & document(s))
10.  37 C.F.R. §3.73(b) Statement  Power of (when there is an assignee) Attorney
11.  English Translation Document (if applicable)
12.  Information Disclosure Statement (IDS)/PTO-1449  Copies of IDS Citations
13.  Preliminary Amendment
14.  Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15.  Certified Copy of Priority Document(s) (if foreign priority is claimed)
16.  Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17.  Other: Check:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation  Divisional  Continuation-in-part (CIP) of prior application No: \_\_\_\_\_ / \_\_\_\_\_

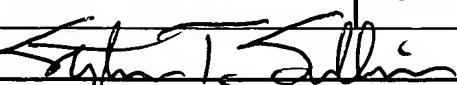
Prior application information: Examiner \_\_\_\_\_ Group / Art Unit: \_\_\_\_\_

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 17. CORRESPONDENCE ADDRESS

 Customer Number or Bar Code Label
  
 (Insert Customer No. or Attach bar code label here)
or  Correspondence address below

Name	Sullivan Law Group				
Address	5060 North 40th Street Suite 120				
City	Phoenix	State	Arizona	Zip Code	85018-2140
Country	U.S.A.	Telephone	(602) 956-6161	Fax	(602) 956-6262

Name (Print/Type)	Stephen T. Sullivan	Registration No. (Attorney/Agent)	32,444
Signature			Date
			January 11, 2002

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

# FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

**TOTAL AMOUNT OF PAYMENT** (\$ 40

## Complete If Known

Application Number	Not Yet Assigned
Filing Date	January 11, 2002 (herewith)
First Named Inventor	Blau
Examiner Name	Not Yet Assigned
Group / Art Unit	Not Yet Assigned

Attorney Docket No. 1082-035

## METHOD OF PAYMENT (check all that apply)

Check  Credit card  Money  Other  None  
 Order

Deposit Account:

Deposit Account Number  
501324

Deposit Account Name  
Sullivan Law Group

The Commissioner is authorized to: (check all that apply)  
 Charge fee(s) indicated below  Credit any overpayments  
 Charge any additional fee(s) during the pendency of this application  
 Charge fee(s) indicated below, except for the filing fee  
 to the above-identified deposit account.

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Fee Code	Large Entity Fee (\$)	Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second month	
117	920	217	460	Extension for reply within third month	
118	1,440	218	720	Extension for reply within fourth month	
128	1,960	228	980	Extension for reply within fifth month	
119	320	219	160	Notice of Appeal	
120	320	220	160	Filing a brief in support of an appeal	
121	280	221	140	Request for oral hearing	
138	1,510	138	1,510	Petition to Institute a public use proceeding	
140	110	240	55	Petition to revive – unavoidable	
141	1,280	241	640	Petition to revive – unintentional	
142	1,280	242	640	Utility issue fee (or reissue)	
143	460	243	230	Design issue fee	
144	620	244	310	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Processing fee under 37 CFR 1.17 (q)	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	40
146	740	246	370	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))	
179	740	279	370	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3)**

(\$ 40)

\*\*or number previously paid, if greater; For Reissues, see above

## SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	Stephen T. Sullivan	Registration No. Attorney/Agent)	32,444	Telephone	(602) 956-6161
Signature				Date	January 11, 2002

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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Anne K. Hooke

# Sullivan Law Group

A Professional Corporation

Patents, Trademarks, Copyrights,  
Related Intellectual Property Law  
Federal Government Procurement Law

5060 North 40th Street, Suite 120  
Phoenix, Arizona 85018-2140  
Telephone (602) 956-6161  
Facsimile (602) 956-6262

1200 G Street, N.W., Suite 800  
Washington, D.C. 20005  
Telephone (202) 661-6114  
Facsimile (202) 661-6117

January 11, 2002

*Via Express Mail*

BOX PATENT APPLICATION  
Assistant Commissioner for Patents  
U.S. Patent and Trademark Office  
Washington, D.C. 20231

***Re: Filing New Utility Patent Application Entitled  
"LOW HUMIDITY UPTAKE SOLID PYROTECHNIC  
COMPOSITIONS, AND METHODS FOR MAKING THE SAME"  
Our Ref. 1082-035***

Dear Sir:

We hereby submit the following documents in connection with the filing of this new utility patent application entitled, "LOW HUMIDITY UPTAKE SOLID PYROTECHNIC COMPOSITIONS, AND METHODS FOR MAKING THE SAME," for inventor Reed J. Blau:

1. Utility Patent Application Transmittal (1 sheet);
2. Specification and Claims (33 pages) including 4 independent claims and 65 claims total;
3. Abstract of the Disclosure (1 page);
4. Informal drawing figure (1 figure on 1 sheet);
5. Declaration & Power of Attorney (1 page);
6. Assignment and Recordation Form Cover Sheet (3 pages);
7. Fee Transmittal for FY 2002 (1 page, 2 copies);

Assistant Commissioner for Patents  
January 11, 2002  
Page 2

8. Check for \$40.00 to cover the recordation fee; and
9. Postcard for receipt acknowledgment.

This application claims priority of provisional application 60/261,111, filed on January 12, 2001, the complete disclosure of which is incorporated into the attached application.

Please accord this application a serial number and the filing date of **January 11, 2002**.

Please contact the undersigned if you have any questions or wish to discuss this matter.

Sincerely,



Stephen T. Sullivan  
David S. Taylor

STS/DST/akh  
Enclosures

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Date of Deposit: January 11, 2002

I hereby certify that the attached correspondence is being deposited with the U.S. Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above and is addressed Assistant Commissioner for Patents, U.S. Patent and Trademark Office, P.O. Box 2327, Washington, D.C. 22202-0327.



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I hereby certify that the attached informal drawing figure is being deposited with the U.S. Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above and is addressed Assistant Commissioner for Patents, U.S. Patent and Trademark Office, P.O. Box 2327, Washington, D.C. 22202-0327.

Anne K. Hooke

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Date of Deposit: January 11, 2002

I hereby certify that the attached Declaration and Power of Attorney is being deposited with the U.S. Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above and is addressed Assistant Commissioner for Patents, U.S. Patent and Trademark Office, P.O. Box 2327, Washington, D.C. 22202-0327.

Anne K. Hulse